

**CLAIMS**

1. In an aircap for an airspray gun having feeder passages which intersect with horn exit holes, said feeder passages and said horn exit holes each having widths, the improvement comprising said feeder passage widths being substantially greater than said horn exit hole widths.
2. The aircap of claim 1 wherein said feeder passage widths are at least twice as wide as said horn exit hole widths
3. In an aircap for an airspray gun having feeder passages which intersect with horn exit holes, said feeder passages having depths, the improvement comprising said feeder passage depths extending past the points of intersection with said horn exit holes.
4. In an air spray gun having a spray housing, a fluid inlet, a nozzle threaded into said fluid housing and an aircap, the improvement comprising a plurality of o-rings sealing said nozzle to said fluid inlet, said nozzle having a shoulder seating squarely on said spray housing to control angularity.